
Section 1. Swedish Manufactured Aeronautical Products

AIRWORTHINESS

DIRECTIVE NO: 1-163

AIRCRAFT TYPE: SAAB 2000

SERIAL No:s

AFFECTED: SAAB 2000 -004 through -063

SUBJECT: Main landing gear - Extension and retraction - Inspection and/or replacement of the retract actuator ramrod.

BACKGROUND: A fatigue failure, of a ramrod in the main landing gear retract actuator has occurred.

As a result of the failure, a fatigue life of 5000 flight cycles was imposed on the ramrods by SAD 1-138. Additional testing and analysis has now shown that the fatigue life of the ramrod can be increased to 9000 flight cycles.

REFERENCE DOCUMENTS: Saab Aircraft AB Mandatory Service Bulletin SAAB 2000-32-059 dated 2 March 2001.

ACTIONS: Perform actions described in Saab Aircraft AB Mandatory Service Bulletin SAAB 2000-32-059 including attachment 1, dated 2 March 2001 or later revision (AIR86842-32-01 Rev.3)

COMPLIANCE TIME: (1) For retract actuators which have not reached 5000 landings since new, refer to the procedure given in ACCOMPLISHMENT INSTRUCTIONS para 2B SB AIR86482-32-01 Rev. 3. before 5000 landings have been consumed. Actuators which have been inspected in accordance with para 2B must have the ramrod replaced at not more than 9000 landings.

(2) Retract actuators which have had a replacement ramrod installed in accordance with para 2B of SB AIR86482-32-01 Rev. 3. or previous revisions, attached to Service Bulletin No SAAB 2000-A32-052, must have the ramrod replaced at intervals of not more than 9000 landings.

EFFECTIVE DATE: 5 March 2001

LFS: 2000:41

LUFTFARTSVERKET
Aviation Safety Department

The actions contained in this directive and reference document(s) have been classified as mandatory for aircraft on Swedish register

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